

## ELECTROCHEMICAL CELL RECHARGING SYSTEM

### ABSTRACT

A rechargeable electrochemical cell system is provided. The system includes a plurality of cells, wherein each cell is comprised of a first electrode, a second electrode, and a third electrode electrically isolated from the second electrode. The cell system may be discharged upon application of a load across a discharge circuit, which is formed from the first electrodes and the second electrodes. The cell may be recharged upon application of a voltage across a recharging circuit, which is formed of at least one of the first electrodes and at least one of the third electrodes.